

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
 Data File : BF125694.D
 Acq On : 28 Sep 2021 18:01
 Operator : JU/CG
 Sample : M3962-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UNDERPASS

Quant Time: Sep 29 02:20:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

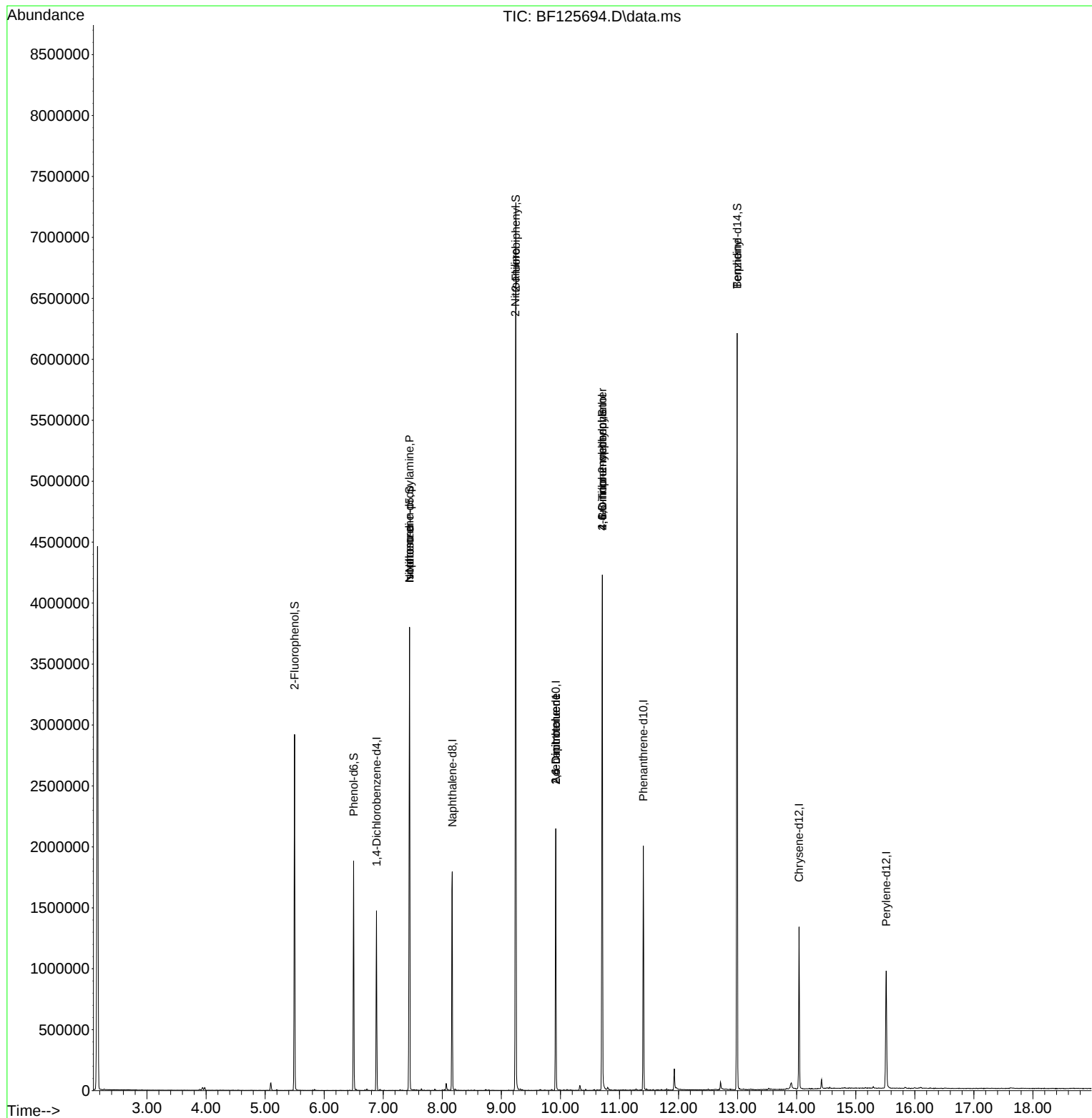
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	204876	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	831350	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	417960	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	683726	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	405770	20.000	ng	0.00
86) Perylene-d12	15.515	264	438397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	808761	65.039	ng	0.00
7) Phenol-d6	6.498	99	581367	34.775	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1276479	107.097	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	568564	145.900	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2287126	100.813	ng	0.00
79) Terphenyl-d14	12.992	244	2099340	89.596	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.434	77	279	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	7.445	70	160304	16.841	ng	# 51
25) Isophorone	7.445	82	1276462	47.820	ng	# 59
48) 2-Nitroaniline	9.239	65	3281	4.655	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	52861	12.542	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	52862	11.452	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1273	9.324	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	31083	4.332	ng	# 1
77) Benzidine	12.992	184	26436	2.480	ng	# 95

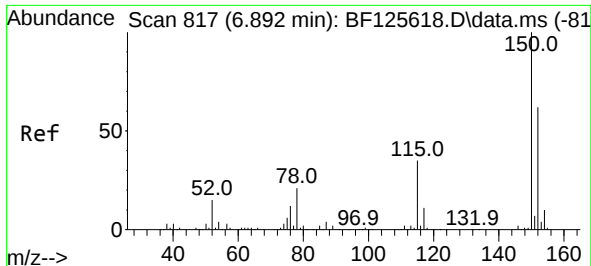
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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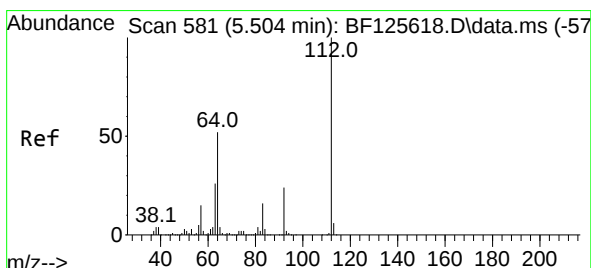
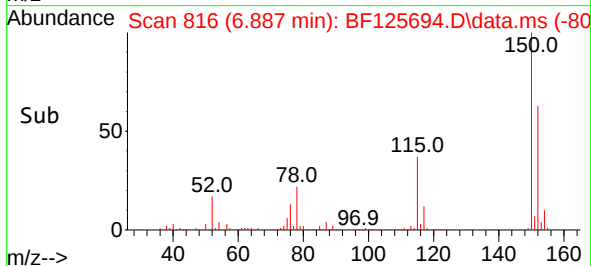
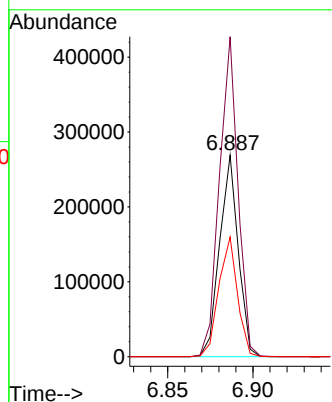
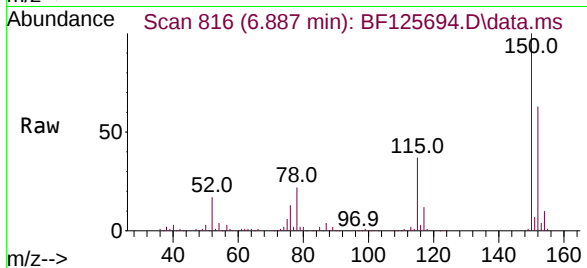




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

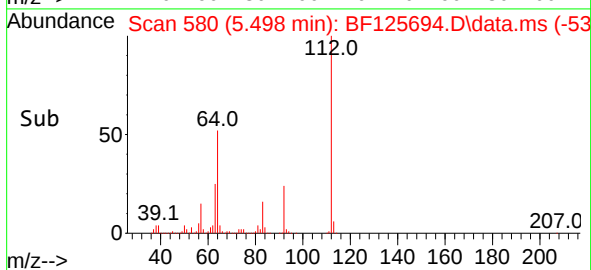
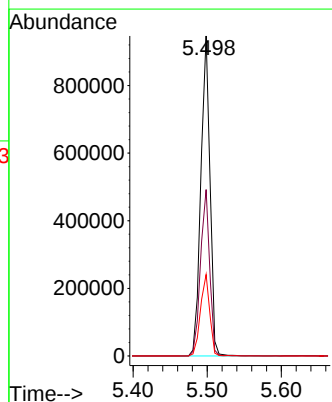
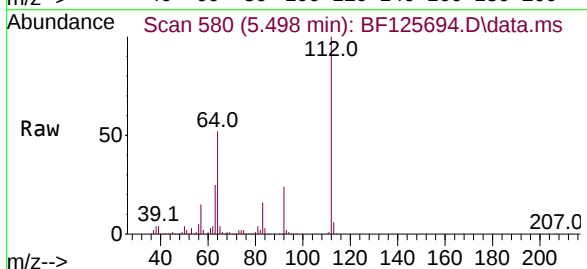
Instrument :
BNA_F
ClientSampleId :
UNDERPASS

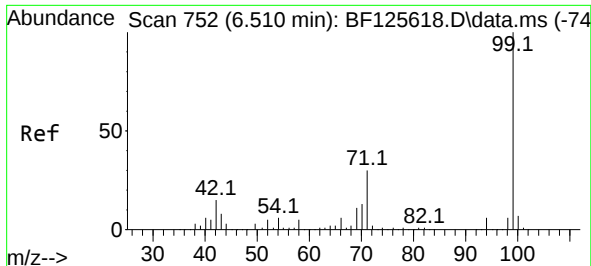
Tgt Ion:152 Resp: 204876
Ion Ratio Lower Upper
152 100
150 158.9 117.6 176.4
115 59.4 47.1 70.7



#5
2-Fluorophenol
Concen: 65.039 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.006 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

Tgt Ion:112 Resp: 808761
Ion Ratio Lower Upper
112 100
64 52.0 44.2 66.2
63 25.5 26.2 39.2#

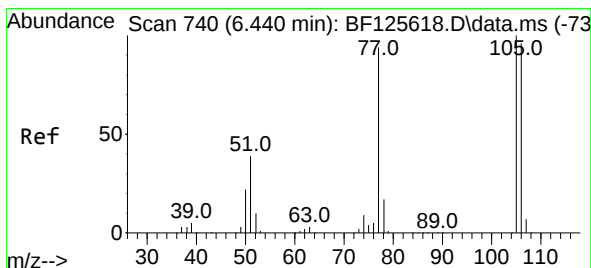
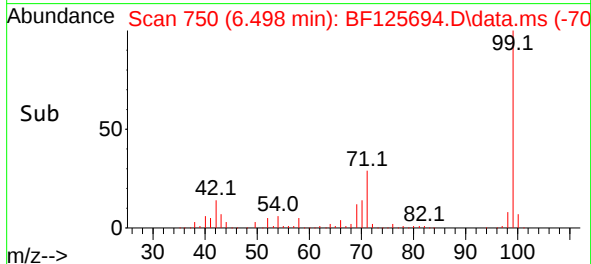
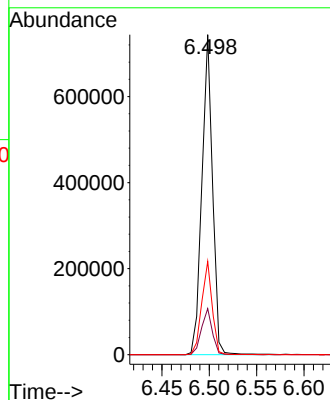
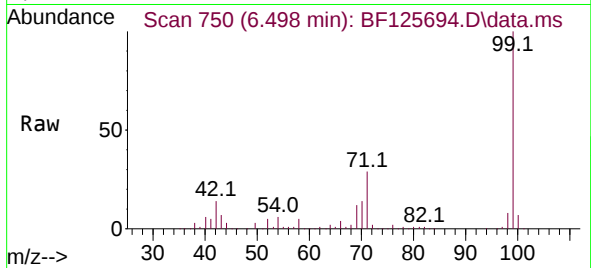




#7
Phenol-d6
Concen: 34.775 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

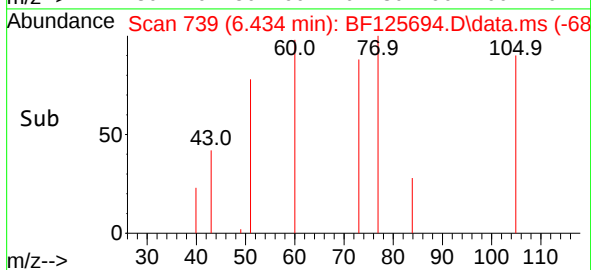
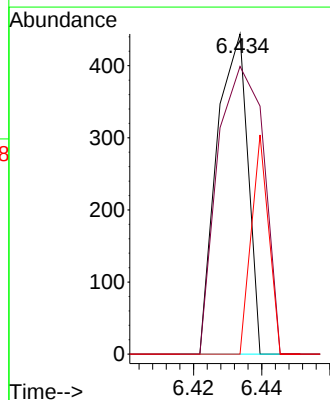
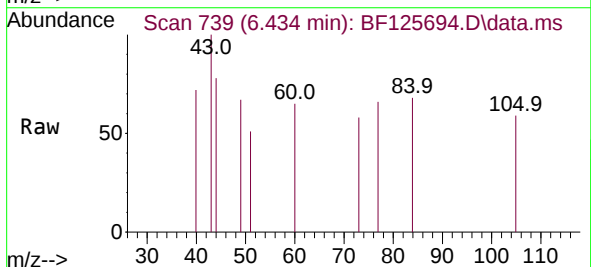
Instrument :
BNA_F
ClientSampleId :
UNDERPASS

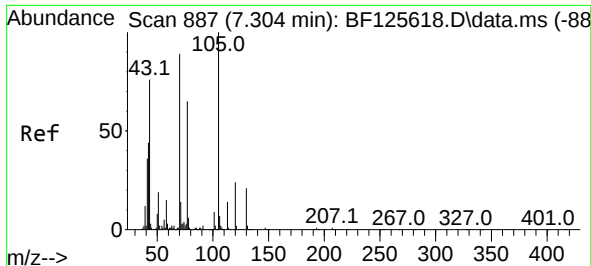
Tgt Ion: 99 Resp: 581367
Ion Ratio Lower Upper
99 100
42 14.4 23.5 35.3#
71 29.2 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

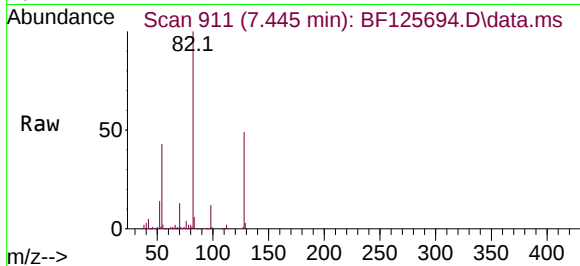
Tgt Ion: 77 Resp: 279
Ion Ratio Lower Upper
77 100
105 89.9 75.9 115.9
106 0.0 84.0 124.0#



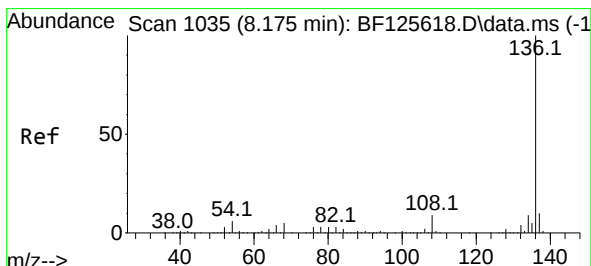
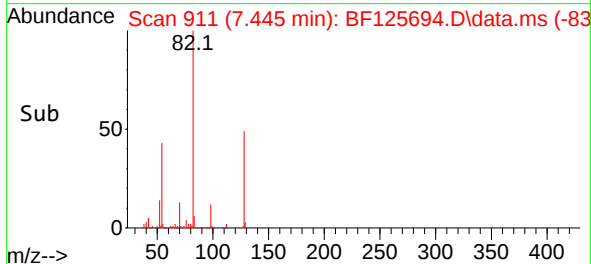
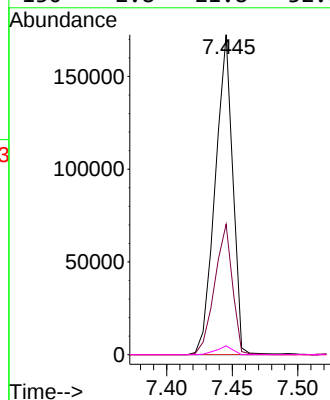


#19
n-Nitroso-di-n-propylamine
Concen: 16.841 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

Instrument :
BNA_F
ClientSampleId :
UNDERPASS

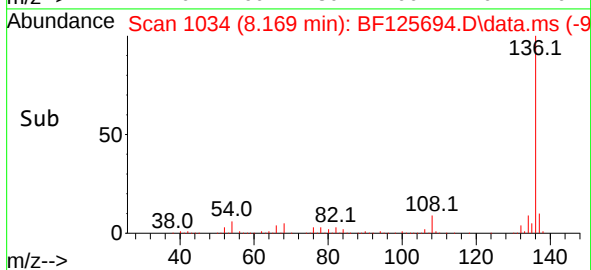
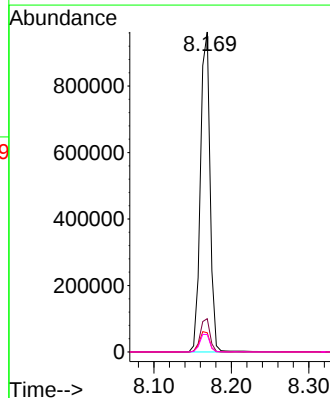
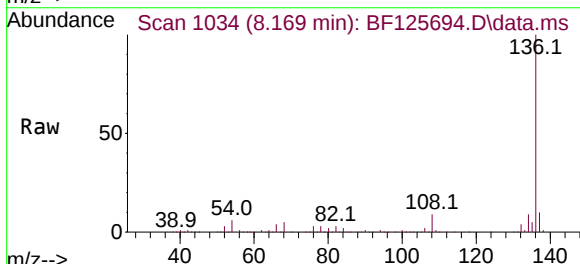


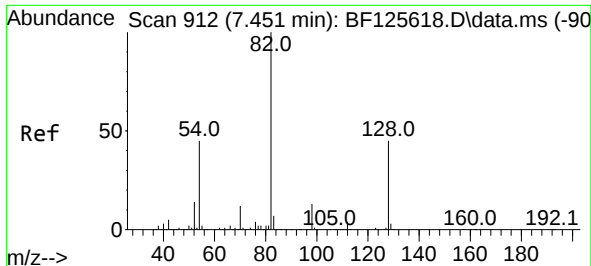
Tgt Ion: 70 Resp: 160304
Ion Ratio Lower Upper
70 100
42 40.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.8 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

Tgt Ion: 136 Resp: 831350
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 6.0 6.4 9.6#
68 5.5 3.3 4.9#

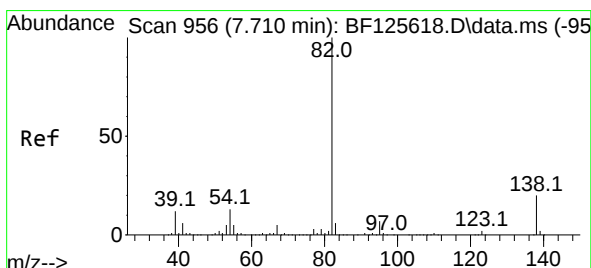
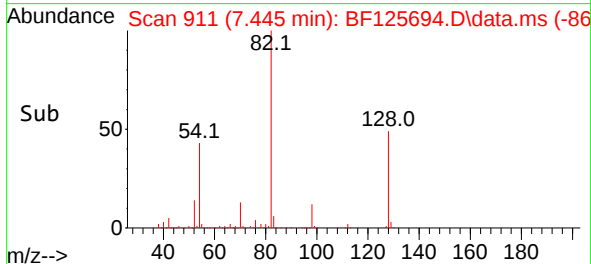
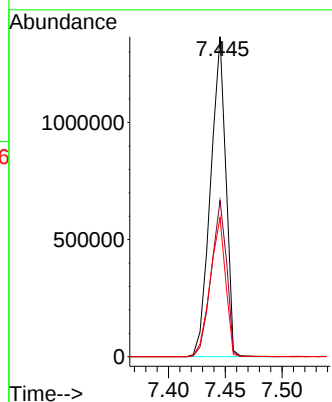
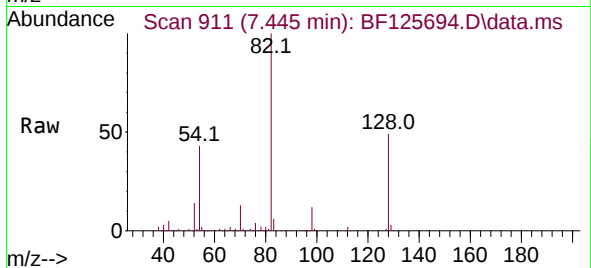




#23
Nitrobenzene-d5
Concen: 107.097 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

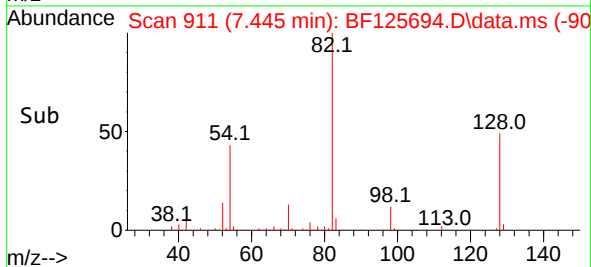
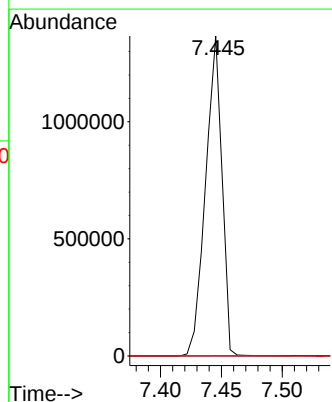
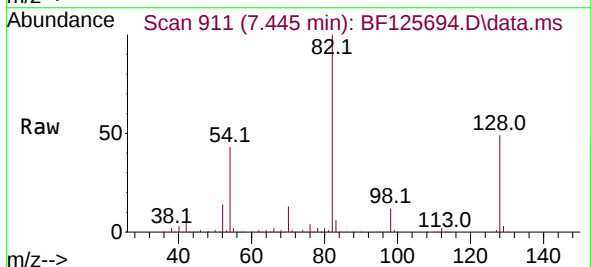
Instrument :
BNA_F
ClientSampleId :
UNDERPASS

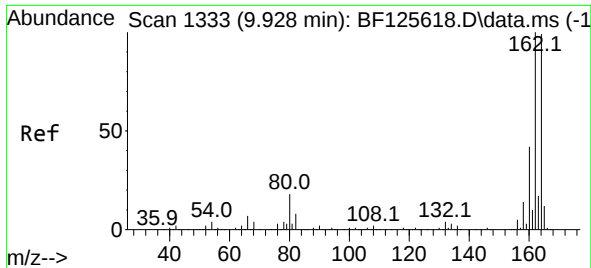
Tgt Ion: 82 Resp: 1276479
Ion Ratio Lower Upper
82 100
128 48.8 40.6 60.8
54 43.4 49.6 74.4#



#25
Isophorone
Concen: 47.820 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

Tgt Ion: 82 Resp: 1276462
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF125694.D

Acq: 28 Sep 2021 18:01

Instrument :

BNA_F

ClientSampleId :

UNDERPASS

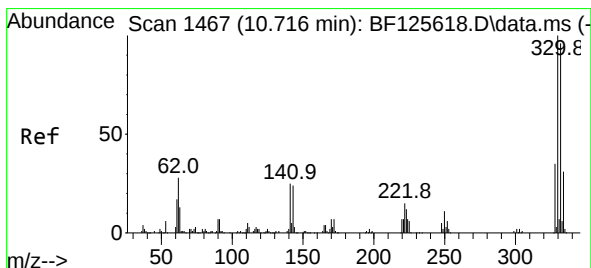
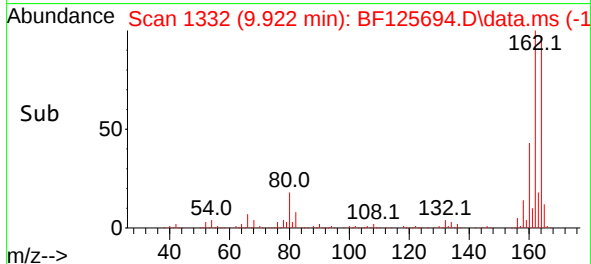
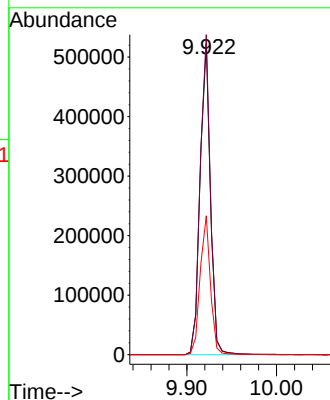
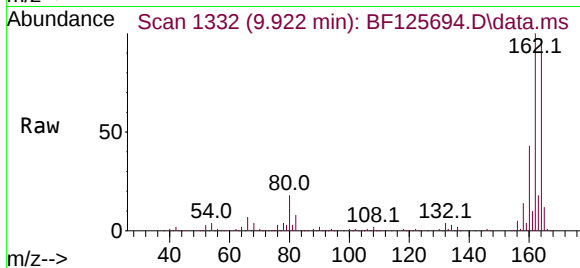
Tgt Ion:164 Resp: 417960

Ion Ratio Lower Upper

164 100

162 103.0 81.3 121.9

160 44.7 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 145.900 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF125694.D

Acq: 28 Sep 2021 18:01

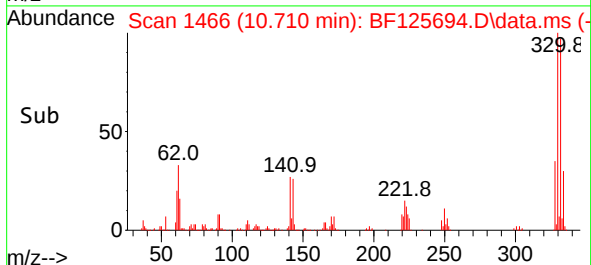
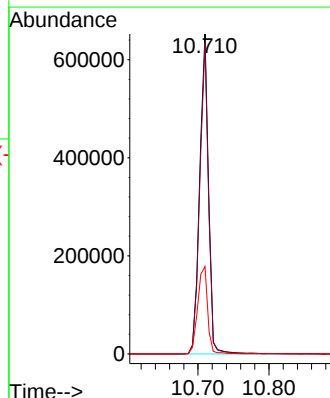
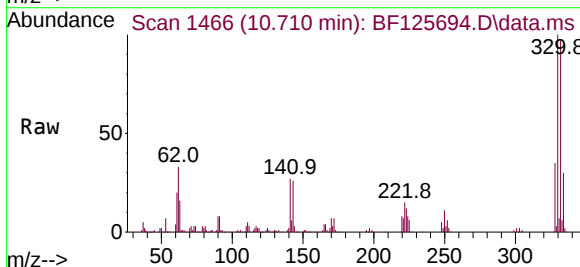
Tgt Ion:330 Resp: 568564

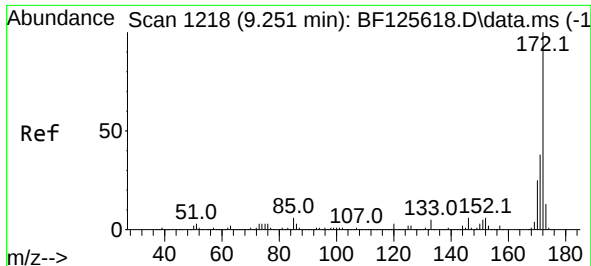
Ion Ratio Lower Upper

330 100

332 95.8 76.2 114.4

141 30.6 44.6 66.8#

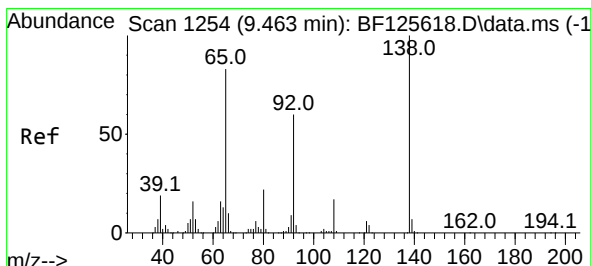
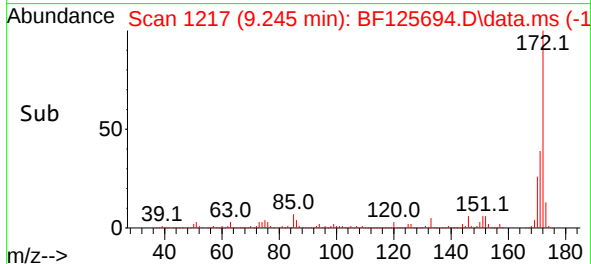
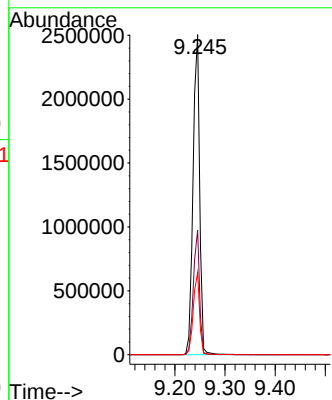
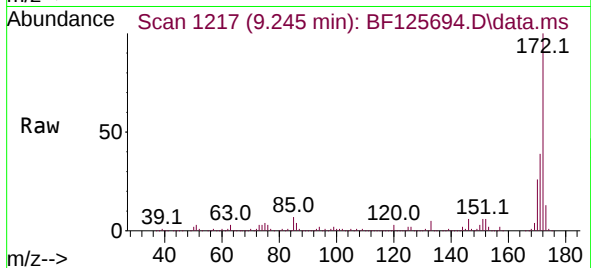




#45
2-Fluorobiphenyl
Concen: 100.813 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

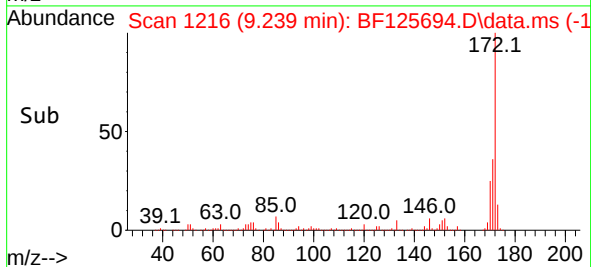
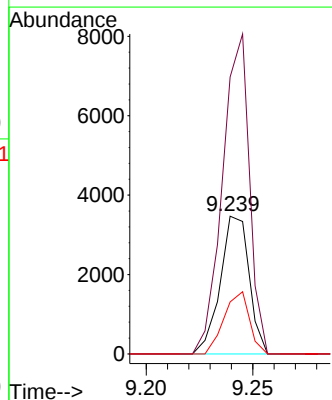
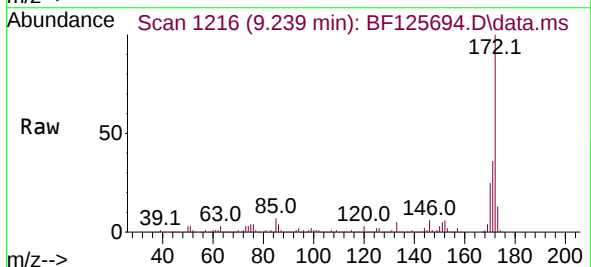
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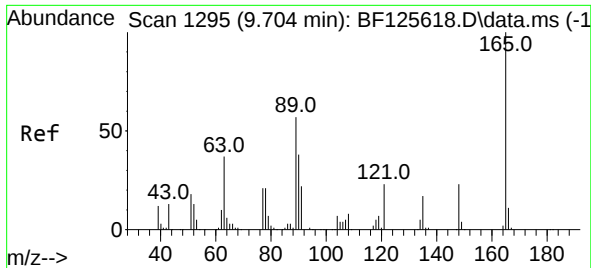
Tgt Ion:172 Resp: 2287126
Ion Ratio Lower Upper
172 100
171 39.0 26.5 39.7
170 25.7 18.8 28.2



#48
2-Nitroaniline
Concen: 4.655 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

Tgt Ion: 65 Resp: 3281
Ion Ratio Lower Upper
65 100
92 201.1 55.5 83.3#
138 37.7 93.5 140.3#

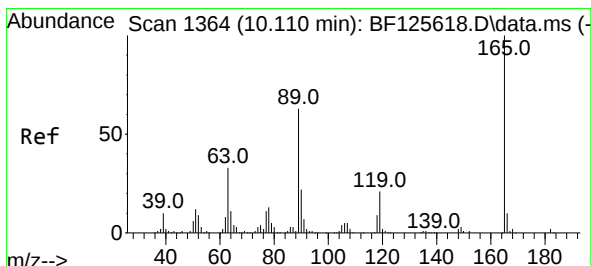
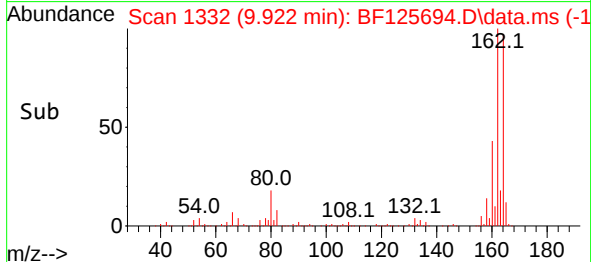
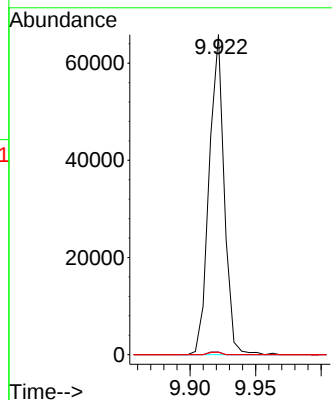
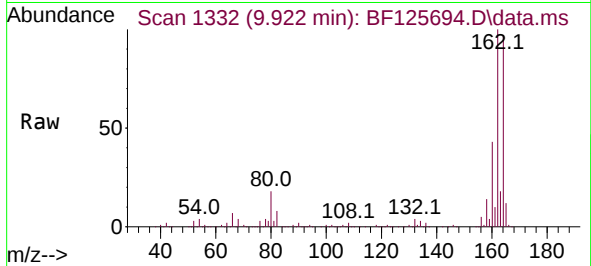




#51
2,6-Dinitrotoluene
Concen: 12.542 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

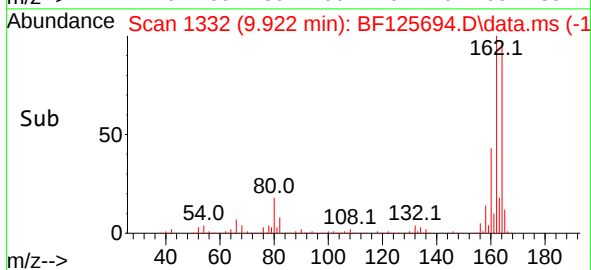
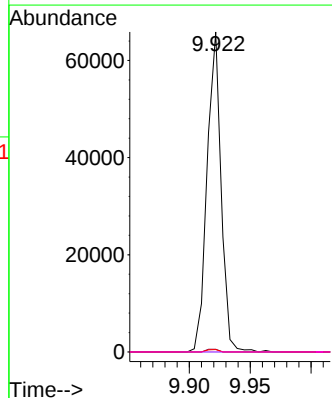
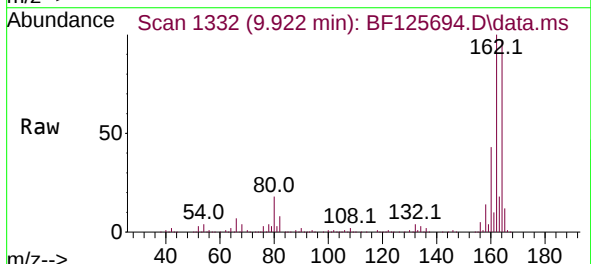
Instrument :
BNA_F
ClientSampleId :
UNDERPASS

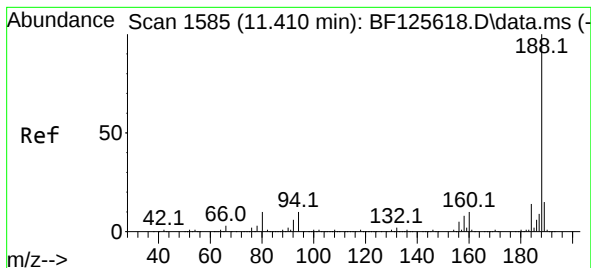
Tgt Ion:165 Resp: 52861
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.7 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.452 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

Tgt Ion:165 Resp: 52862
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 0.7 59.7 89.5#
182 0.0 0.0 0.0

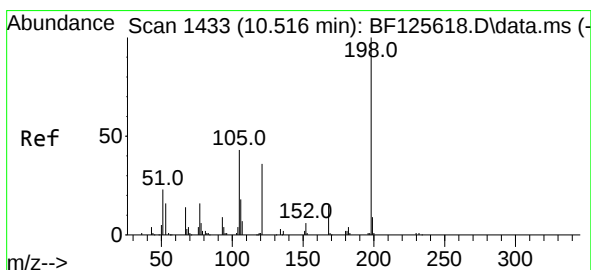
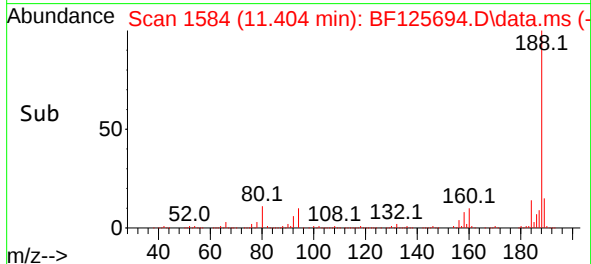
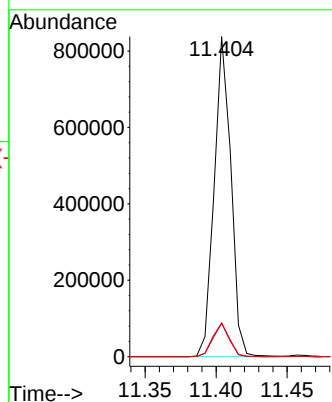
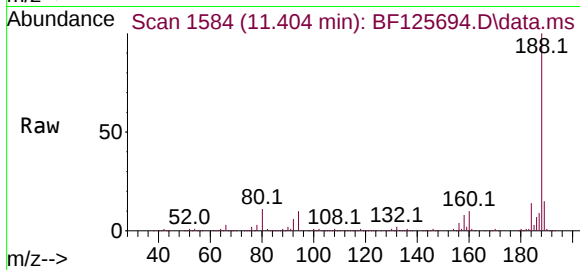




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

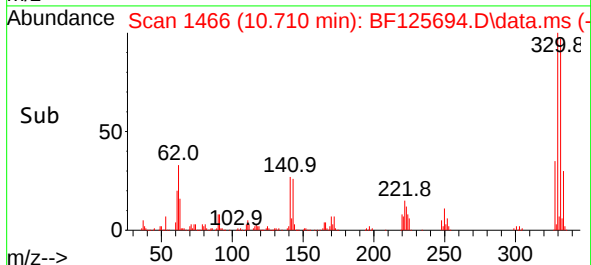
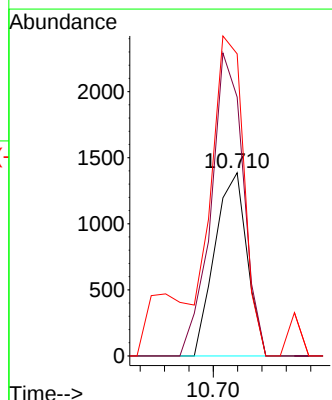
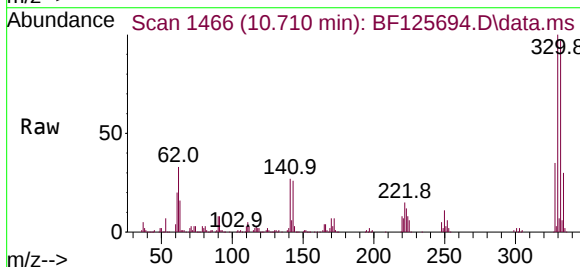
Instrument :
BNA_F
ClientSampleId :
UNDERPASS

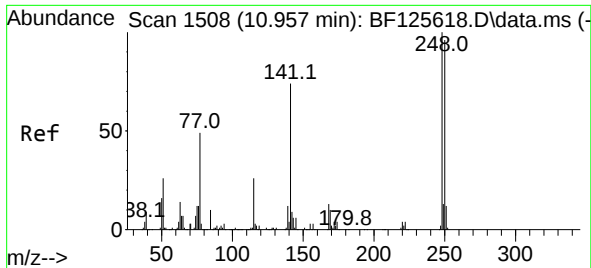
Tgt Ion:188 Resp: 683726
Ion Ratio Lower Upper
188 100
94 10.5 6.7 10.1#
80 10.6 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.324 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

Tgt Ion:198 Resp: 1273
Ion Ratio Lower Upper
198 100
51 141.3 45.3 85.3#
105 164.9 30.6 70.6#

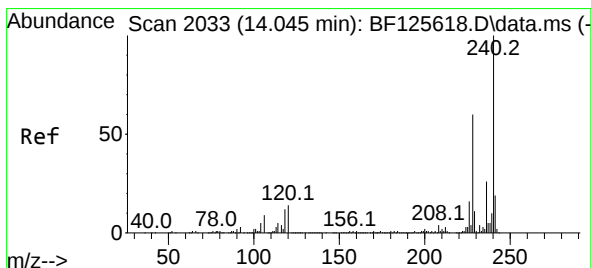
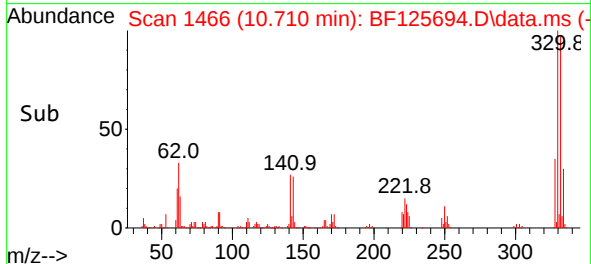
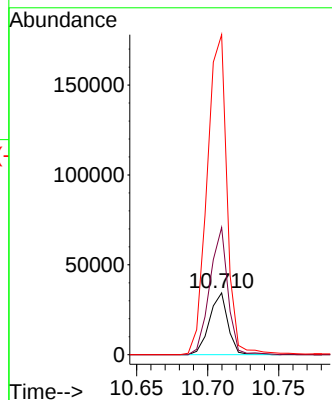
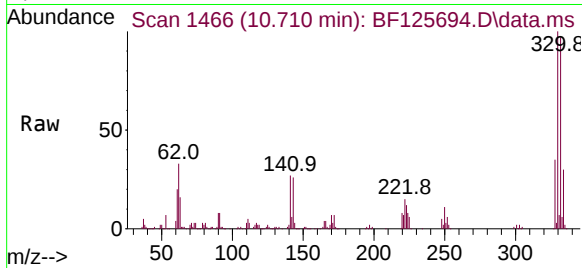




#67
4-Bromophenyl-phenylether
Concen: 4.332 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

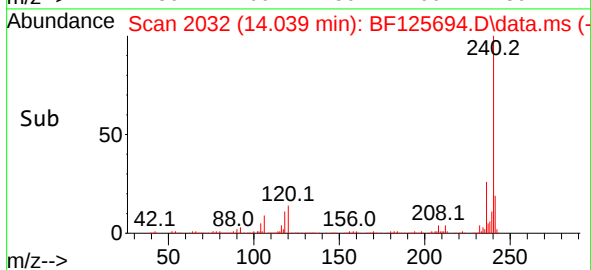
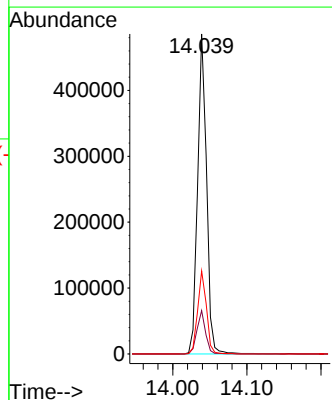
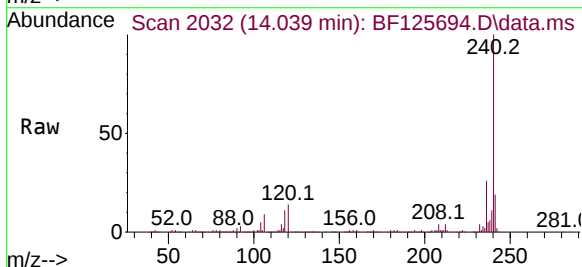
Instrument :
BNA_F
ClientSampleId :
UNDERPASS

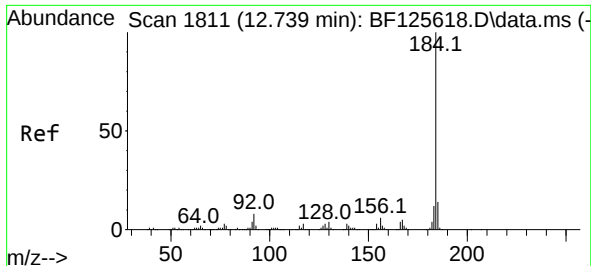
Tgt Ion:248 Resp: 31083
Ion Ratio Lower Upper
248 100
250 205.9 74.2 111.4#
141 518.1 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

Tgt Ion:240 Resp: 405770
Ion Ratio Lower Upper
240 100
120 13.5 10.8 16.2
236 25.9 21.6 32.4

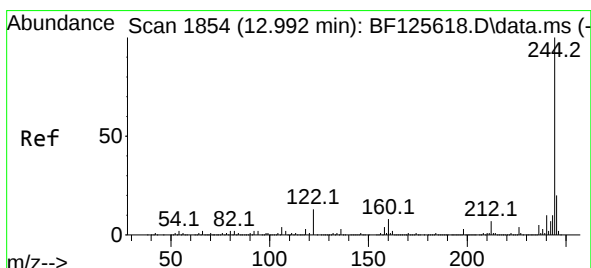
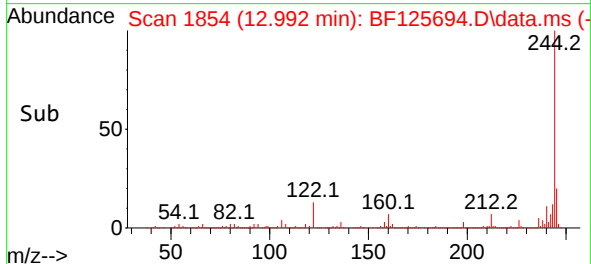
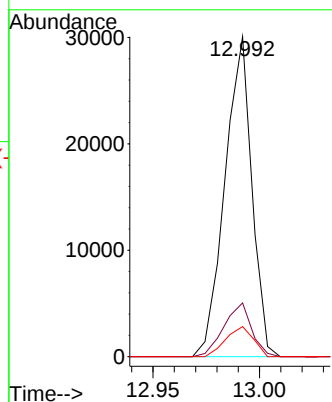
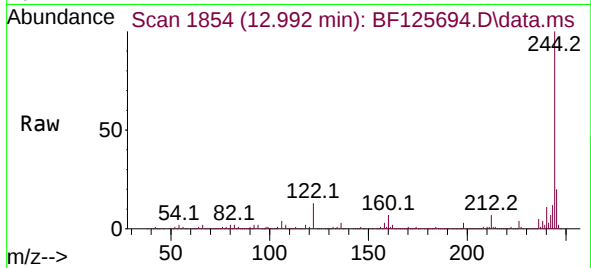




#77
Benzidine
Concen: 2.480 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

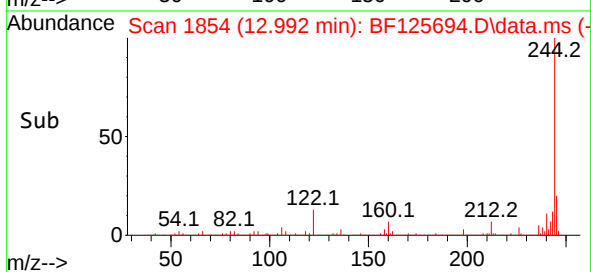
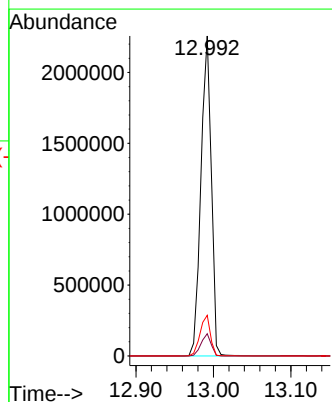
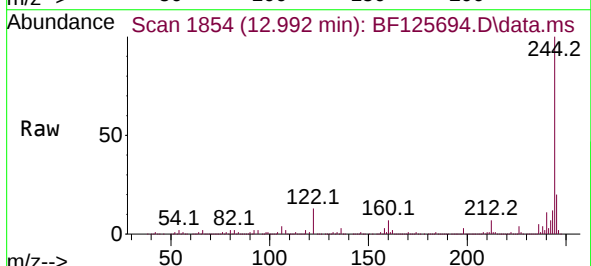
Instrument :
BNA_F
ClientSampleId :
UNDERPASS

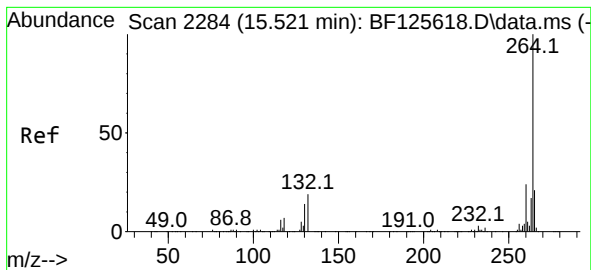
Tgt Ion:184 Resp: 26436
Ion Ratio Lower Upper
184 100
185 16.8 10.8 16.2#
183 9.4 8.1 12.1



#79
Terphenyl-d14
Concen: 89.596 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

Tgt Ion:244 Resp: 2099340
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.7 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125694.D
Acq: 28 Sep 2021 18:01

Instrument :
BNA_F
ClientSampleId :
UNDERPASS

Tgt Ion:264 Resp: 438397

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	20.4	17.2	25.8

